Index of Claims

| Application No. | Applicant(s)  |  |
|-----------------|---------------|--|
| 09/766,324      | THOMAS ET AL. |  |
| Examiner        | Art Unit      |  |
| Beth Van Doren  | 3623          |  |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      |            |   | D         | ate      | <u> </u> |          |                 | $\Box$   |          | Claim Date   |           |          |           |           |          |          |          |          | CI       | aim      |          |            |                       | Dа      | te      |         |           |              |                   |   |
|--|----------|------------|---|-----------|----------|----------|----------|-----------------|----------|----------|--------------|-----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|------------|-----------------------|---------|---------|---------|-----------|--------------|-------------------|---|
| Final  | Original | 8/3/04     | 11/16/05                                |           |          |          |          |                 |          | ii<br>C  |              | Original  |          |           |           |          |          |          |          |          |          | Finat    | Original   |                       |         |         |         |           |              |                   |   |
|  | 1        | V V        | 1                                       | 1         |          | $\neg$   |          |                 | П        |          | 7            | 51        | _        |           |           |          |          | _        | _        |          |          |          | 101        | 1                     | $\top$  | ╅       | T       | $\dagger$ | $\vdash$     |                   |   |
|  | 2        | 1          | $\Box$                                  |           | T        |          |          |                 | П        |          | 7            | 52        |          |           | 寸         |          | $\neg$   | $\dashv$ | 寸        | T        |          |          | 102        | $\top$                | $\top$  | +       | T       | ┪         | П            |                   |   |
|  | 3        | <b>√</b> √ | <b>V</b>                                | Ī         |          |          |          |                 |          |          |              | 53        |          |           |           |          |          | 丁        | $\neg$   | T        | ヿ        |          | 103        |                       |         | 1       | 1       | 十         | П            |                   |   |
|  | 4        | <b>√ √</b> | <b>√</b>                                |           |          |          |          |                 |          |          |              | 54        |          |           |           |          |          |          |          |          |          |          | 104        |                       |         |         | T       | Τ         | П            |                   |   |
|  | 5        | <b>√</b> √ | V                                       |           |          |          |          |                 |          |          |              | 55        |          |           |           |          |          |          |          |          |          |          | 105        |                       |         |         | Τ       |           |              |                   |   |
|  | 6        | <b>√</b> √ | V                                       |           |          |          |          |                 |          |          |              | 56        |          |           |           |          |          |          |          | $\Box$   |          |          | 106        |                       |         |         |         |           |              |                   |   |
|  | 7        | <b>√</b> √ | -                                       |           | $\perp$  | _        |          |                 | Ш        | L        |              | 57        |          |           |           |          |          |          |          |          |          |          | 107        |                       |         |         |         |           |              |                   |   |
|  | 8        | <b>√</b> √ |   | _         | _        | _        | Ш        |                 | Ш        |          | _            | 58        |          |           |           |          | _        |          |          | _        | _        | L        | 108        |                       | ╧       | $\perp$ | 1       | <u> </u>  |              |                   |   |
| <u> </u>   | 9        | <b>√</b> √ | 1                                       | _         | _        |          |          | Ш               |          | <u> </u> | 4            | 59        |          |           |           |          | _        | _        | _        | _        | _        | <u> </u> | 109        |                       | $\perp$ |         | ↓_      | $\perp$   | $oxed{oxed}$ | Ш                 |   |
| <u> </u>   | 10       | 1 1        |   | _         | _        | _        | Ш        | Ш               | Ц        | $\vdash$ | 4            | 60        |          |           |           | _        | _        | _        | _        | _        |          | ļ        | 110        |                       | 4       | _       | ╄       | ╄         | igspace      |                   |   |
|  | 11       | 1/1/       |   |           |          | $\dashv$ | Ш        | <u> </u>        | $\vdash$ | $\vdash$ | 4            | 61        | _        | Н         | $\dashv$  | _        |          | -        | -        | -        | _        |          | 111        | $\vdash$              | +       | +       | +-      | +         | $\vdash$     | Н                 |   |
|  | 12       | \ \ \      |   | -         |          | $\dashv$ |          | -               | $\dashv$ | $\vdash$ | $\dashv$     | 62        | $\vdash$ |           | $\dashv$  | -        |          | $\dashv$ | $\dashv$ | -        |          |          | 112        | ⊢∔-                   |         | +       | ╀       | ╀         | Н            | ${oxed{\square}}$ |   |
| <u> </u>   | 13<br>14 | √ √        |   | $\dashv$  | $\dashv$ | $\dashv$ | Н        | $\vdash$        | $\dashv$ | <u> </u> | +            | 63<br>64  | $\vdash$ | $\vdash$  | $\dashv$  | $\dashv$ | -        | -        | -        |          |          | <u> </u> | 113        | -                     | +       | +-      | ╀       | ┿         | $\vdash$     | $\vdash$          |   |
|  | 15       | \ \ \      |   | $\dashv$  | $\dashv$ | -        | -        | Н               | $\dashv$ | $\vdash$ | $\dashv$     | 65        | $\vdash$ | -         |           | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | 114<br>115 | -                     | +       | +       | +       | ╫         | -            | $\vdash$          |   |
|  | 16       | V V        |   | +         | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$        | $\dashv$ | $\vdash$ | $\dashv$     | 66        | $\vdash$ | -         | -         |          |          | $\dashv$ | $\dashv$ | -        |          | -        | 116        | $\vdash$              | +       | +       | ╫       | ╁╌        | -            | $\vdash$          |   |
| -  | 17       | 77         |   | +         | $\dashv$ | $\dashv$ | -        | $\vdash$        | $\dashv$ | $\vdash$ | $\dashv$     | 67        | -        | -         | $\dashv$  | $\dashv$ |          | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        | 117        |                       | +       | +       | ╁       | +         | $\vdash$     | -                 |   |
| 1  | 18       | <b>V</b>   | ┰                                       | _         | _        | $\dashv$ |          | Н               | Н        | $\vdash$ | $\dashv$     | 68        | -        |           |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | 118        | $\vdash$              | ╁       | ╁       | ╂       | ╁         | $\vdash$     | H                 |   |
| $\vdash$   | 19       | 1          | $\vdash$                                | _         | 7        |          |          | $\vdash$        | $\dashv$ | -        | ┪            | 69        | $\vdash$ |           |           |          | $\dashv$ | 十        | 一        | $\dashv$ | -        | -        | 119        | $\vdash$              | +       | ╁       | ╁╴      | ╁         | $\vdash$     | Н                 |   |
|  | 20       | 7          | 1 1                                     |           |          |          |          | H               | H        | <u> </u> | 7            | 70        | H        |           |           | $\dashv$ | -        |          | -        | $\dashv$ | $\dashv$ |          | 120        | $\vdash$              | +       | +-      | ╁╴      | +         | Н            | Н                 |   |
|  | 21       | <b>V</b>   | $\Box$                                  | $\exists$ |          |          |          | Н               |          | <u> </u> | 7            | 71        |          |           | $\neg$    |          | 寸        | _        | $\neg$   |          | $\neg$   |          | 121        | $\vdash$              | +       | +       | +-      | $\dagger$ | H            | $\vdash$          |   |
|  | 22       | <b>√</b>   | $\Box$                                  |           |          |          |          |                 |          |          | 1            | 72        |          |           |           | コ        | 一        |          |          | $\neg$   |          |          | 122        | Ħ                     | 十       | $\top$  | +       | 1         | Н            | П                 |   |
|  | 23       | <b>√</b> √ | <b>V</b>                                |           |          |          |          |                 |          |          | T            | 73        |          |           | $\exists$ |          | ヿ        |          | 一        | 一        |          |          | 123        |                       |         | $\top$  | $\top$  | T         | П            |                   |   |
|  | 24       |            |   |           |          |          |          |                 |          |          | T            | 74        |          |           |           |          | $\neg$   |          |          |          |          |          | 124        |                       | $\neg$  | ┪       | Τ       | Т         | П            |                   |   |
|  | 25       |            |   |           |          |          |          |                 |          |          |              | 75        |          |           |           |          |          |          |          |          |          |          | 125        |                       |         |         | 1       |           |              |                   |   |
|  | 26       |            | Ш                                       |           |          |          |          |                 |          |          |              | 76        |          |           |           |          |          |          |          |          |          |          | 126        |                       |         |         | Τ       |           |              |                   |   |
|  | 27       |            | Ш                                       | _         | _        | _        |          |                 |          | ╙        | $\downarrow$ | 77        | <u> </u> |           |           |          |          | $\Box$   |          |          | _        |          | 127        |                       |         |         |         |           |              |                   |   |
|  | 28       |            | 11                                      | _         | _        | _        |          | _               |          |          | _            | 78        |          |           |           | _        |          |          | $ \bot $ | _        |          |          | 128        |                       |         | $\perp$ | $\perp$ | $\perp$   |              |                   |   |
|  | 29       |            | $\perp \perp$                           | 4         | 4        | _        |          | Ш               | _        | L        | 4            | 79        | _        |           |           |          |          | _        | _        | _        |          | <u> </u> | 129        | $\sqcup$              | $\perp$ | $\perp$ | 1       | $\perp$   | Щ            | Щ                 |   |
|  | 30       |            | $\vdash$                                |           | _        | _        |          | Щ               | $\dashv$ | $\vdash$ | 4            | 80        | <u> </u> |           |           | _        | _        | _        | 4        | _        | _        | <u> </u> | 130        |                       | $\perp$ | ┸       | 1       | <u> </u>  | igspace      | Щ                 |   |
|  | 31       | -          | +                                       | 4         | 4        | -        | Ш        |                 |          | $\vdash$ | 4            | 81        | $\vdash$ | Ш         | _         |          | _        |          | -        | _        | _        | <u> </u> | 131        | $\vdash$              | $\perp$ | _       | ╀       | ╀         | igspace      | Ш                 |   |
|  | 32<br>33 | $\vdash$   | ┥┤                                      | +         |          |          | -        | $\vdash$        | $\dashv$ | -        | +            | 82        | L        | Н         |           |          |          | $\dashv$ | -        | -        | _        | ļ        | 132        | $\vdash$              |         | +       | +       | ╄         | -            |                   |   |
| -  |          | $\vdash$   | 1 1                                     | $\dashv$  |          | $\dashv$ | -        | Н               |          | $\vdash$ | +            | 83        | _        | $\vdash$  |           |          | -        | -        | $\dashv$ | -        | -        | -        | 133        | $\vdash$              | +       | +       | ╀       | ╀         | $\vdash$     |                   |   |
| -  | 34<br>35 |            | $\vdash$                                | -         |          | $\dashv$ | Н        | Н               | $\dashv$ | $\vdash$ | +            | 84_<br>85 |          | $\vdash$  |           |          | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$ | 134<br>135 |                       | +       | +       | +       | +         | -            | H                 |   |
| -  | 36       | -          | $\vdash$                                | $\dashv$  |          | $\dashv$ | $\vdash$ | $\vdash$        | -        | $\vdash$ | +            | 86        | $\vdash$ | $\vdash$  | $\dashv$  | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | 135        | $\vdash$              | +       | +       | +       | +         | -            | $\vdash$          | _ |
|  | 37       | $\dashv$   | $\vdash$                                | $\dashv$  | -        | $\dashv$ | $\vdash$ | Н               | $\dashv$ | $\vdash$ | $\dashv$     | 87        |          | $\vdash$  | $\dashv$  | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\vdash$ | 137        | -                     | +       | +       | ╀       | +         | $\vdash$     | $\vdash$          |   |
| <del>                                     </del> | 38       | +-         | +                                       | $\dashv$  | +        |          | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\vdash$ | +            | 88        | $\vdash$ | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | -        | 138        |                       | +       | +       | +       | +         | $\vdash$     | $\vdash$          |   |
|  | 39       | $\dashv$   | + +                                     | $\dashv$  | $\dashv$ |          | $\vdash$ | $\vdash$        | $\dashv$ |          | $\dashv$     | 89        | $\vdash$ | $\dashv$  | ᆉ         | $\dashv$ | -        | $\dashv$ | +        | $\dashv$ | $\dashv$ | -        | 139        | +                     |         | +       | +       | +         | $\vdash$     | $\vdash$          |   |
|  | 40       | $\vdash$   | +                                       | $\dashv$  | ┪        | $\neg$   |          | Н               | $\dashv$ |          | $\forall$    | 90        | $\vdash$ | $\dashv$  | $\dashv$  | $\dashv$ | -        | $\dashv$ | 7        | $\dashv$ | $\dashv$ | <b>-</b> | 140        |                       | +       | +       | t       | +         | $\vdash$     | $\vdash$          |   |
|  | 41       | 1          | Ħ                                       | +         | $\dashv$ | 一        | $\Box$   |                 | $\dashv$ |          | $\dashv$     | 91        |          | $\Box$    | $\dashv$  | $\dashv$ | $\dashv$ | 一        | 寸        | _        | $\dashv$ |          | 141        | $\vdash$              | +       | +       | +       | $\dagger$ | $\vdash$     | $\vdash$          |   |
|  | 42       | $\top$     | $T^{\dagger}$                           | $\dashv$  | 寸        | $\neg$   |          |                 | $\dashv$ |          | $\forall$    | 92        |          | $\Box$    | 寸         | $\neg$   | $\dashv$ | -        | $\dashv$ | $\dashv$ | _        |          | 142        | $\vdash \vdash$       | +       | $\top$  | 十       | +         | Н            | $\vdash$          | _ |
|  | 43       |            |   |           |          |          |          |                 |          |          | _†           | 93        |          |           |           |          |          |          | 寸        |          |          |          | 143        |                       | 1       | 1       | T       | $\top$    | П            |                   |   |
|  | 44       |            |   | $\Box$    |          |          |          |                 |          |          |              | 94        |          |           |           |          |          |          |          |          |          |          | 144        |                       | $\perp$ | T       | T       | Τ         |              | П                 |   |
|  | 45       |            |   |           |          |          |          |                 |          |          | $\Box$       | 95        |          |           | ╝         |          |          |          | 丁        | _j       |          |          | 145        |                       |         |         |         |           |              |                   | _ |
| <u></u>  | 46       |            |   | $\perp$   |          | ]        |          |                 |          |          | $\perp$      | 96        |          |           |           |          | $\Box$   |          |          |          |          |          | 146        |                       | Ι       | Ι       | Ι       |           |              |                   |   |
| <u></u>  | 47       |            | $\sqcup$                                | $\perp$   | _        |          | Ш        | Ш               | Ш        |          | $\perp$      | 97        |          |           | $\Box$    | ]        | $\Box$   | $\Box$   | $\Box$   | $\Box$   | _]       |          | 147        |                       |         |         | L       |           |              |                   |   |
| <u></u>  | 48       | <u> </u>   | $oldsymbol{\perp}oldsymbol{\downarrow}$ | 4         | _        |          | Щ        | Ш               | Щ        | $\perp$  | 4            | 98        |          | Ш         | _         |          |          |          |          | $\Box$   | _        |          | 148        |                       | Ţ       |         | L       |           | oxdot        | Ш                 |   |
|  | 49       |            | <del>   </del>                          | _         | 4        |          | Щ        | Щ               | Ц        | L        | 4            | 99        | Щ        | $\square$ | _         | _        | _        |          | _        | $\Box$   | _        |          | 149        | $\sqcup \!\!\! \perp$ | 1       | $\perp$ | $\perp$ | 1         | igspace      |                   |   |
|  | 50       |            | $\perp \perp$                           | $\perp$   |          |          |          |                 |          | - [      |              | 100       |          |           | - i       |          | ŀ        | - 1      | ŀ        | - 1      | - }      |          | 150        |                       | 1       | 1       |         | 1         | 1            | ΙĪ                | Ī |